

Firmware Update Tool User Guide

Introduction

This user guide is for updating firmware for your Lowell Instrument's data logger or current meter. The software is compatible with Windows[®] 7, 8.1 and 10.

Devices

For use with MAT-1 data loggers and TCM-1, TCM-3, TCM-4, TCM-5 current meters. If you have any other models please contact us for support.

Instructions

Double click on the Firmware Update Tool App to get started. When you begin your firmware update you will see this screen:

Lowell Instruments - Firmware	e Update Tool - 1.13
EXAMPLE CONTROLLER	Welcome to the Lowell Instruments Firmware Update Tool This tool will check the firmware version on your data logger or current meter. If your device does not have the latest firmware version, it will updated. Please ensure that your device is connected and not logging, and make sure no other software is communicating with it. Click Next to continue, or Cancel to exit setup.
	Next > Cancel

Click on the "Next >" button to continue.

The license agreement shown below will appear and you will have to scroll down to read to the end and choose the option to accept. Click on the "Next >" button.

Lowell Instruments - Firmware Update Tool - 1.13	x
Please read the following license agreement. You must accept the terms of this agreement before continuing with firmware update.	
Lowell Instruments, LLC	-
FIRMWARE UPDATE TOOL LICENSE	H
IMPORTANT NOTICE BY CLICKING THE "YES" BUTTON BELOW, YOU ACCEPT THE TERMS OF THIS LICENSE. IF YOU ARE NOT WILLING TO DO SO, SELECT THE "NO" BUTTON AND THE INSTALLATION WILL BE ABORTED.	
 LICENSE GRANT. Subject to the restrictions below, Lowell Instruments, LLC ("Lowell Instruments") hereby grants to you, whether you are an individual or an entity, a license to use the Lowell Instruments Firmware Update Tool (FUT), solely and expressly for the purpose of working with and operating data loggers manufactured by Lowell Instruments. This license is personal, nonexclusive, and nontransferable. 	Ŧ
I accept the agreement	
I do not accept the agreement	
Next > Cancel	

Check that your device is connected. The firmware version will be listed on the screen. The software will automatically check what version of firmware your device has and if an update is available as shown:

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FIRMW	ARE UPDATE TOOL
Status:	Connected on COM31 Refresh
Log:	08:44:14: Connected device model MAT-1 08:44:14: Connected device serial number 111A 08:44:14: Connected firmware version 1.8.32.3 08:44:14: Firmware version 1.8.32.4 is available for your device. Click "Upload" to update your device.
	0% Upload

Click on the "Upload" button and wait for the firmware to upload. The status bar on the bottom of the screen will let you know when the firmware has completely uploaded.

🙆 Lowe	ll Instruments - Firmware Update Tool - 1.13
FIRMW	ARE UPDATE TOOL
Status:	Connected on COM31 Refresh
Log:	08:44:14: Connected device model MAT-1 08:44:14: Connected device serial number 111A 08:44:14: Connected firmware version 1.8.32.3 08:44:14: Firmware version 1.8.32.4 is available for your device. Click "Upload" to update your device. 08:44:37: Switching device into update mode 08:44:40: Waiting for device 08:44:40: Waiting for device. Preparing for update. 08:44:59: Uploading new firmware 08:45:10: Firmware upload successful - resetting device
	61% Upload

CAUTION: Do not unplug the cable while the upload is in progress. Wait until the status bar reaches 100% or you may be required to return your device for repair.

S: Finished			Refresh
g: 08:44:14: Cor 08:44:14: Cor 08:44:14: Cor 08:44:14: Firm "Upload" to up 08:44:37: Swi 08:44:40: Wa 08:44:40: Wa 08:44:49: Upl 08:45:10: Firm 08:45:24: Upg	ected device model MAT- ected device serial numbe ected firmware version 1 are version 1.8.32.4 is a ate your device. ning device into update m ng for device ected to device. Preparin ding new firmware are upload successful - r ade complete - you may u	1 er 111A .8.32.3 vailable for your d node g for update. esetting device inplug the device	evice. Click

If updating firmware on multiple devices, connect the new device and then click on the "Refresh" button. If you are done updating devices, close the Firmware Update Tool and open MAT Logger Commander.

Note: You will need to reset the clock in the device with MAT Logger Commander after updating the firmware.

Support: If you have questions or need support on the Firmware Update Tool please email us at <u>support@lowellinstruments.com</u> or call 508-444-2616.